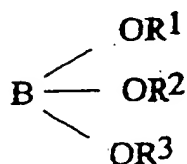


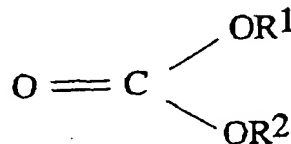
COMPLETE LISTING OF ALL CLAIMS IN THE APPLICATION

1-10 (canceled)

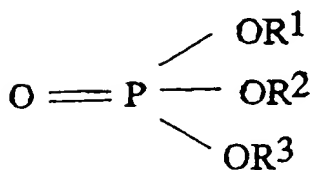
11. (withdrawn) Method of using one ester of the formula (I) to (V)



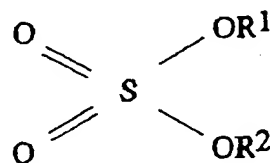
(I)



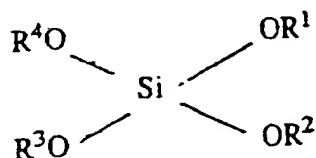
(II)



(III)



(IV)



(V)

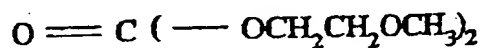
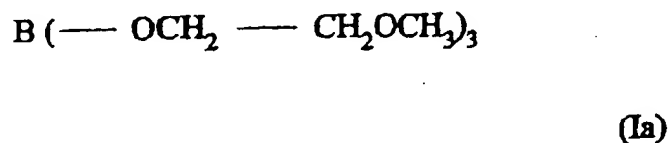
where

$\text{R}^1, \text{R}^2, \text{R}^3, \text{R}^4$ are identical or different and each, independently of one another, are a linear or branched chain C_1 - to C_4 -alkyl, $(-\text{CH}_2-\text{CH}_2-\text{O})_n-\text{CH}_3$ with $n=1$ to 3, a C_3 - to C_6 -cycloalkyl, an aromatic hydrocarbon group which in turn can be substituted, with the proviso that at least one of the groups $\text{R}^1, \text{R}^2, \text{R}^3$ or R^4 is $(-\text{CH}_2-\text{CH}_2-\text{O})_n-\text{CH}_3$ with $n=1$ to 3 as a solvent in electrolyte systems for Li-ion storage cells.

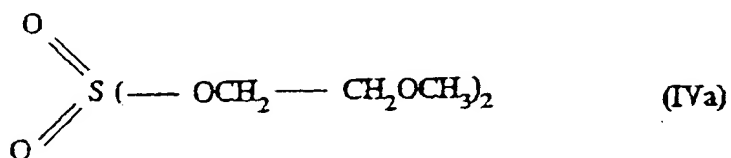
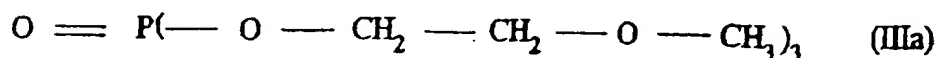
12. (withdrawn) Method according to claim 11, wherein the compound is one wherein

R^1 , R^2 and, where present, R^3 and/or R^4 are identical and are $-\text{CH}_2-\text{CH}_2-\text{O}-\text{CH}_3$ or $(-\text{CH}_2-\text{CH}_2-\text{O})_2-\text{CH}_3$

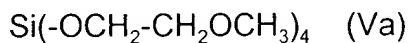
13. (withdrawn) Method of using at least one of the compounds of formulae (Ia) to (Va)



(IIa)



and



as a solvent in electrolyte systems for Li-ion storage cells.

14. (withdrawn) Method according to claim 11, wherein LiPF_6 , LiBF_4 , LiClO_4 , LiAsF_6 ,

LiCF_3SO_3 , $\text{LiC}(\text{CF}_3\text{SO}_2)_3$, $\text{LiC}(\text{CF}_3\text{SO}_2)_2$, $\text{LiN}(\text{SO}_2\text{F})_2$, $\text{LiN}(\text{CF}_3\text{CF}_2\text{SO}_2)_2$, LiAlCl_4 ,

LiSiF_6 , LiSbF_6 or mixtures of two or more thereof are employed as a conducting salt.

15. (withdrawn) A composition comprising:

- (A) at least one compound of formula (I) to (V) as defined in claim 11, and
- (b) a conducting salt selected among:

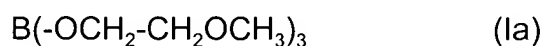
LiPF_6 , LiBF_4 , LiClO_4 , LiAsF_6 , LiCF_3SO_3 , $\text{LiC}(\text{CF}_3\text{SO}_2)_3$, $\text{LiC}(\text{CF}_3\text{SO}_2)_2$,

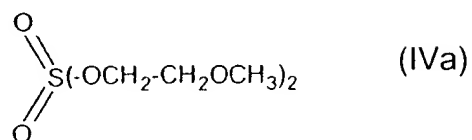
$\text{LiN}(\text{SO}_2\text{F})_2$, $\text{LiN}(\text{CF}_3\text{CF}_2\text{SO}_2)_2$, LiAlCl_4 , LiSiF_6 , LiSbF_6

and a mixture of two or more thereof .

16. (withdrawn) A composition as claimed in claim 15, wherein the compound (A) is selected among the compounds of formulae (Ia) to (Va) as defined in claim 3 and a mixture of two or more thereof, and the conducting salt (B) is LiBF_4 .
17. (withdrawn) An Li-ion storage cell comprising at least one ester as defined in claim 11.
18. (withdrawn) An Li-ion storage cell comprising a composition as claimed in claim 15.
19. (withdrawn) Method of using a composition as claimed in claim 15, as an electrolyte system in Li-ion storage cells.
20. (withdrawn) A process for preparing an ester of formula (I) to (V), as defined in claim 11, characterized in that a chloride is employed as a starting material and a trialkyl amine is used as a scavenger for HCl formed during the preparation of the ester.
21. (withdrawn) A composition comprising

- (A) at least one compound selected from the group consisting of formulae (Ia), (IIa), (IVa) and (Va)





and

(B) a conducting salt LiBF_4 or a mixture of LiBF_4 and LiPF_6 .

22. (withdrawn) An Li-ion storage cell comprising a composition as defined in claim

21.

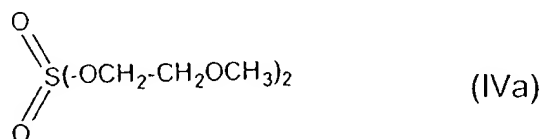
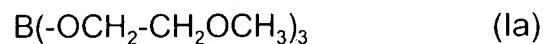
23. (canceled)

24. (canceled)

25. (withdrawn) A composition as claimed in claim 21 comprising

(A) at least one compound selected from the group consisting of formulae

(Ia), (IIa) and (IVa)



and

(B) a conducting salt LiBF_4 or a mixture of LiBF_4 and LiPF_6 .

26. (previously presented) A Li-ion battery wherein the electrolyte consists essentially of

(A) $\text{O}=\text{P}(-\text{OCH}_2\text{CH}_2\text{OCH}_3)_3$ and

(B) a conducting salt LiBF_4 .

27. (withdrawn) A composition as claimed in claim 21 comprising

(A) $\text{Si}(-\text{OCH}_2\text{CH}_2\text{OCH}_3)_4$ and .

(B) a conducting salt LiBF_4 or a mixture of LiBF_4 and LiPF_6 .